

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/021545

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N5/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|--|-----------------------|
| X | US 5 502 502 A (GASKILL GRETCHEN T ET AL) 26 March 1996 (1996-03-26) columns 4-5; figure 1 | 9,14-17 |
| A | US 3 006 995 A (FATHAUER GEORGE H) 31 October 1961 (1961-10-31) figure 4 | 1-17 |
| A | US 3 435 141 A (OXLEY VINCENT C ET AL) 25 March 1969 (1969-03-25) the whole document | 1-17 |
| A | US 3 532 810 A (STEINBERG WILLIAM) 6 October 1970 (1970-10-06) the whole document | 1-17 |
| A | US 5 347 317 A (SAKURAI HARUO) 13 September 1994 (1994-09-13) the whole document | 6 |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubt on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

11 November 2004

18/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Bardella, X

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/021545

| Patent document cited in search report | | Publication date | | Patent family member(s) | | Publication date |
|--|---|------------------|----------------------------|--|--|------------------|
| US 5502502 | A | 26-03-1996 | NONE | | | |
| US 3006995 | A | 31-10-1961 | NONE | | | |
| US 3435141 | A | 25-03-1969 | NONE | | | |
| US 3532810 | A | 06-10-1970 | NONE | | | |
| US 5347317 | A | 13-09-1994 | JP JP DE IT KR | 3260407 B2 5244446 A 4234346 A1 1257072 B 9614321 B1 | 25-02-2002 21-09-1993 22-07-1993 05-01-1996 15-10-1996 | |